

# *PIVOTING FIFTH WHEEL HITCH TRAILER PIN ASSEMBLY*

## **Abstract**

6A fifth wheel trailer pin assembly characterized by having a horizontally pivoting joint to reduce the transmission of lateral flex and stress between the units coupled by the hitching assembly. The trailer pin assembly is designed to be used with conventional fifth wheel locking assemblies, which are designed to allow for horizontal rotation of the trailer pin within the locking assembly and far longitudinal pivoting between the units coupled by the hitching assembly, to provide a fifth wheel hitching system which minimizes the transmission of unwanted forces and stresses between the units that are coupled together.